

**Fm: Timothy J. Kelly, P.E.**  
**To: Sharon Fang, P.E.**

**Review comments for Metal Banks**  
**April 28, 2009**

**Excavation Plan Southern Area**

- Plan view does not show location of deadmen (which were surveyed)
- Details of LNAPL Trench sheet should be referenced.
- What is the datum used?
- Trench has no linear dimensions or coordinates associated with it.

**Anchored Sheet Pile Wall – Zone 1, 2, & 3**

- No datum shown
- 2 Existing grade should be shown on drawings
- There is no construction sequencing shown on drawing as discussed during 3/24/09 meeting and in AMEC 3/20/09 letter
- AMEC 3/20/09 letter states that all off sets from dead men to LNAPL trench will be 16.5 feet to ensure factor of safety. This is different than what is on plans.
- LNAPL Trench detail sheet should be referenced.
- Tidal zone - high and low tide influence should be shown in LNAPL trench.
- Suggest shading concrete block for distinction
- Drawings should be to scale
- Plan is labeled "As-Built" while under construction of LNAPL Trench; backfilling against wall, completion of the wall with tiebacks and finish grading have yet to take place
- What is the material (stone) in the box at water level?
- What is the required elevation of the bottom LNAPL Trench?
- LNAPL Trench Drawings should reference contract drawings.
- Plans for construction should be sealed by P.E.